

# Converting Colors

Android(4291937021)

Have a look what the booklet for  
Android(4291937021) contains.

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# **Color**

**Android(4291937021)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1C2FD
RGB	209, 194, 253
RGB Percent	82%, 76%, 99%
CMY	0.1804, 0.2392, 0.0078
CMYK	0.17, 0.23, 0.00, 0.01
HSL	255°, 94%, 88%
HSV	255°, 23%, 99%
XYZ	63.3159, 59.2307, 101.0241
YIQ	205.2110, -9.9990, 21.5290

# Conversions

## Conversions Part 2

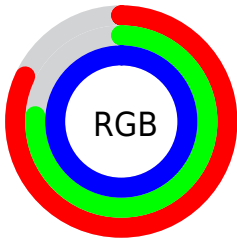
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 194, 253
Decimal	13746941
CIE <sub>Lab</sub>	81.42, 16.77, -27.10
CIE <sub>LCh</sub>	81, 31.874, 301.748
Yxy	59.2307, 0.2832, 0.2649
Android (android.graphics.Color)	4291937021 (0xFFD1C2FD)
YUV	205.2110, 23.5600, 3.3230
Hunter-Lab	76.9615, 12.1686, -23.9544

# Details

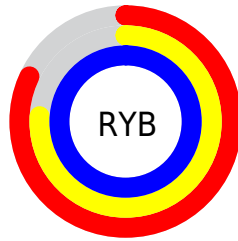
The Android color `4291937021` is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be `4293852610`, and the grayscale version is `4291677645`.

A 20% lighter version of the original color is `4294966271`, and `4288318660` is the 20% darker color. If you saturate the color by 10%, you get `4290685437`, and if you desaturate by 10%, it is `4293188605`.

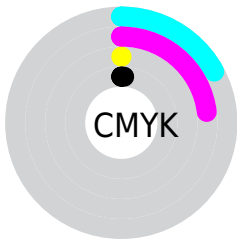
# Distribution



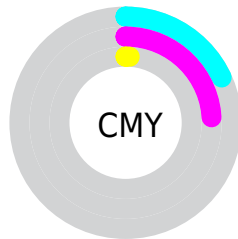
- Red (82%)
- Green (76%)
- Blue (99%)



- Red (82%)
- Yellow (76%)
- Blue (99%)



- Cyan (17%)
- Magenta (23%)
- Yellow (0%)
- Black (1%)



- Cyan (18%)
- Magenta (24%)
- Yellow (1%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4291937021 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Android color 4291937021 by changing the saturation by 10% instead.



 4291937021

 4291937021

4294967295

 4290095072

 4294966271

 4288318660

 4286542761

 4284897934

 4283253620

 4281675100

 4280096836

 4278845486

 4278190360

■ 4291937021

■ 4291937021

■ 4290685437

■ 4293188605

■ 4289433597

■ 4294440445

■ 4288182013

4294967293

■ 4286995965

■ 4285744125

■ 4284492541

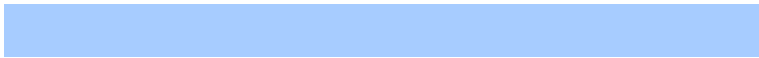
■ 4283240957

■ 4282384637

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



4289187071



4291937021



4294097383

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



4291937021



4294426519



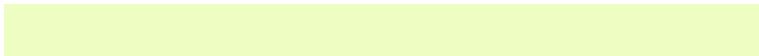
4286372811

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



4291937021



4293852610

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4288403629



4291937021



4292790671

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



4291937021



4294948780



4290695831



4285455081

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



4291937021



4294948308



4290695831



4287027905



# Sweetspot

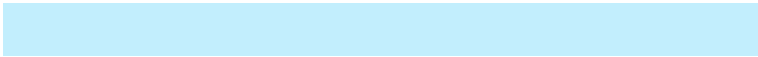
The Sweet Spot groups the original color and five complimentary colors.



4291937021



4294110719



4290965245



4286084480



4278190080



4286611584



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



4291937021



4291475711



4293837565



4285952896



4281401535



4279238720



# Inverse Universe

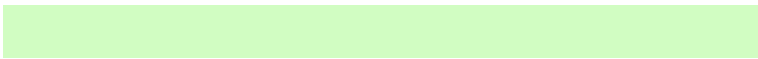
The Inverse Universe completely reimagines the original color for something new.



4294820590



4294949101



4291952066



4286608252



4290707599

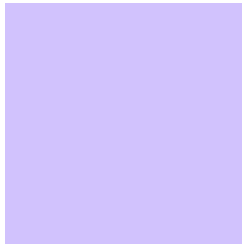


4282384432



# Previews

## White Background



This preview shows how the Android color 4291937021 looks on a white background.

## Color Contrast Check

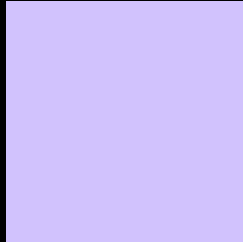
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4291937021 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4291937021 Background



This preview shows how black text looks on a background with the Android color 4291937021.



This preview shows how white text looks on a background with the Android color 4291937021.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).


## Dichromacy



**Original Color**  
4291937021

**Protanopia**  
4290627839

**Deuteranopia**  
4291086076



**Tritanopia**  
4291545561

# Trichromacy



**Original Color**  
4291937021

**Protanomaly**  
4291086078

**Deuteranomaly**  
4291413500

**Tritanomaly**  
4291675878

# Monochromacy



**Original Color**  
4291937021

**Achromatopsia**  
4291677645

**Achromatomaly**  
4291742174

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291937021 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(209, 194, 253)` looks like.

```
.text, #text, p{  
    color:rgb(209, 194, 253)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(209, 194, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 194, 253) }
```

## Border

The CSS property to change the border of an element to Android 4291937021 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 194, 253) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(209, 194, 253) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(209, 194, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 194, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 194, 253);  
box-shadow:4px 4px 4px 4px rgb(209, 194,  
253) }
```

# Background

The CSS property to change the background color of an element to Android 4291937021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 194, 253) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(209,  
194, 253) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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